

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

EXPRESS MAIL NO. EL 717376625 US

Applicant : Myles H. Wakayama  
Application No. : Not assigned  
Filed : Herewith  
Title : LOW OFFSET AND LOW GLITCH ENERGY  
CHARGE PUMP FOR PLL-BASED TIMING  
RECOVERY SYSTEMS  
Docket No. : 47426/RJP/B600

## PRELIMINARY AMENDMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Post Office Box 7068  
Pasadena, CA 91109-7068  
October 5, 2001

Commissioner:

**In the Drawings**

Please replace Figs. 3 and 4 of parent application with amended Figs. 3 and 4 as indicated in the accompanying drawings.

**In the Claims**

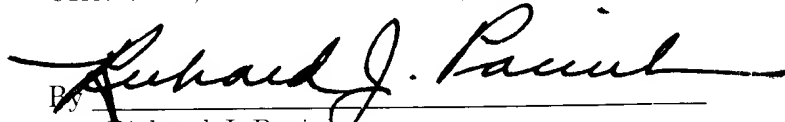
Please cancel claims 2-23.

## REMARKS

The amendments submitted herewith are requested to be entered and included when the application is taken up for examination. Certain claims have been canceled since they were addressed in the parent application. Figs. 3 and 4 have been amended (marked in red) to indicate "Prior Art" to be consistent with a drawing amendment requested by the Examiner during the prosecution of the parent application.

Respectfully submitted,

CHRISTIE, PARKER &amp; HALE, LLP

  
By \_\_\_\_\_

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